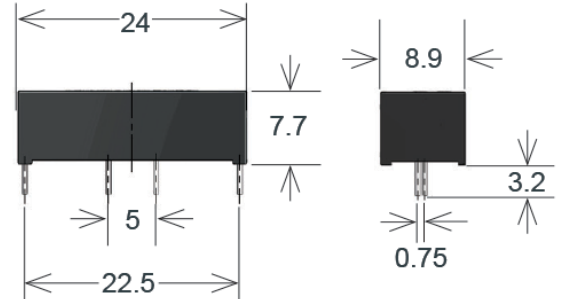


# MK02/6 Series Reed Sensors

- **Features:** Ferrous Metal Detection, Front or Above Operation, THT
- **Applications:** Door & Window Control, Fire Protection Doors, Safety & Interlock Sensing & Others
- **Markets:** Industrial, Security & Others



Part Description: **MK02/6-0**

Operation Series	Contact Qty
6	1

Customer Options	Switch Model	Unit
<b>Contact Data</b>	<b>80</b>	
<b>Rated Power (max.)</b> Any DC combination of V&A not to exceed their individual max.'s	10	W
<b>Switching Voltage (max.)</b> DC or peak AC	170	V
<b>Switching Current (max.)</b> DC or peak AC	0.5	A
<b>Carry Current (max.)</b> DC or peak AC	0.5	A
<b>Contact Resistance (max.)</b> @ 0.5V & 50mA	200	mOhm
<b>Breakdown Voltage (min.)</b> According to EN60255-5	0.21	kVDC
<b>Operating Time (max.)</b> Incl. Bounce; Measured with w/ Nominal Voltage	0.6	ms
<b>Release Time (max.)</b> Measured with no Coil Excitation	0.05	ms
<b>Insulation Resistance (typ.)</b> Rh<45%, 100V Test Voltage	10 <sup>9</sup>	Ohm
<b>Capacitance (typ.)</b> @ 10kHz across open Switch	0.4	pF

# MK02/6 Series Reed Sensors

## Housing and Lead Specifications

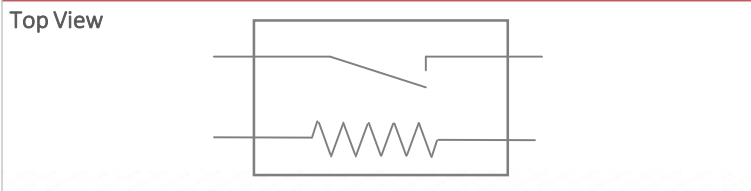
Housing Material	PBT Glass Fiber Reinforced
Case Color	Black
Sealing Compound	Polyurethane

Environmental Data		Unit
Shock Resistance (max.) 1/2 sine wave duration 11ms	50	g
Vibration Resistance (max.)	20	g
Operating Temperature	-30 to 70	°C
Storage Temperature	-30 to 70	°C

## Glossary Contact Form

Form A	NO = Normally Open Contacts SPST = Single Pole Single Throw	
Form B	NC = Normally Closed Contacts SPST = Single Pole Single Throw	
Form C	Changeover SPDT = Single Pole Double Throw	

## Layout



## Glossary Magnetic Sensitivity

Sensitivity	B	C	D	E
AT	10-15	15-20	20-25	25-30

## MK02/6 Reed Sensor

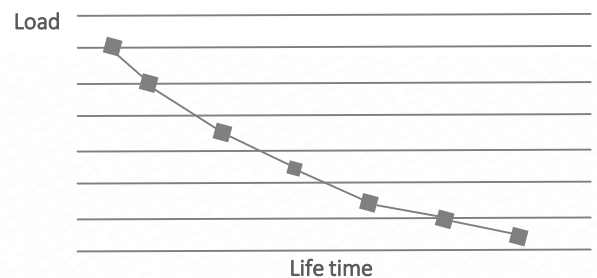


## Handling & Assembly Instructions

- Use proper lead clamping/heat sinking techniques to prevent mechanical and/or heat stress during soldering & welding
- Mechanical shock as the result of dropping the reed sensor may cause immediate or post-installation failure
- Only a simple piece of iron is required to activate switching position

## Life Test Data

\*Load increase reduces life expectancy of Reed Switches



Please note: All technical specifications on this series datasheet refer to the standard product range. Modifications in the sense of technical progress are reserved. For general information only. For more specific information, please consult the product datasheet, available upon request.

This series datasheet could contain technical inaccuracies or typographical errors. Changes are periodically made to the information herein. These change will be incorporated in future revisions.

For deviating values, most current specifications and products please contact your nearest sales office.

